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Lam et al.

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(54) **360 DEGREE BI-STABLE DUAL PIVOT HINGE**

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361/679.08, 679.4, 579.55, 679.26,
361/679.33, 679.37, 679.59, 679.57,
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See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Related U.S. Application Data

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(63) Continuation of application No. 14/338,000, filed on Jul. 22, 2014, now abandoned, which is a continuation of application No. 14/104,283, filed on Dec. 12, 2013, now abandoned.

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(52) **U.S. Cl.**
CPC **E05D 11/1028** (2013.01); **E05D 3/12** (2013.01); **E05D 11/081** (2013.01); **E05D 11/082** (2013.01); **E05D 11/1007** (2013.01); **G06F 1/1618** (2013.01); **G06F 1/1681** (2013.01); **G06F 1/1683** (2013.01)

(57) **ABSTRACT**

(58) **Field of Classification Search**

CPC G06F 1/1601; G06F 1/1681; G06F 1/1658
USPC ... 455/552.1, 452.1, 561, 414.1, 550.1, 566, 455/127.5; 206/508, 503, 349, 372, 581, 206/316.1, 308.1; 312/362, 223.2, 219, 312/221, 215, 328, 333, 404, 319.1, 312/111; 361/679.27, 679.01, 679.46, 361/679.55, 679.11, 679.09, 679.56,

In one general aspect, a computing device includes a lid, and a base coupled to the lid by a hinge, the hinge including a bi-stable hinge part including a toggle pivot and a toggle link bar, and a barrel hinge part including a hollow shaft, at least one friction element surrounding a first portion of the hollow shaft, and a casing surrounding a second portion of the hollow shaft, the casing being connected to the toggle link bar. The computing device includes a first mounting tab connected to the toggle link bar and connected to the base,
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